



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
COCOA REGULATORY OFFICE  
400 HIGH POINT DRIVE, SUITE 600  
COCOA, FLORIDA 32926

Regulatory Division  
North Permits Section  
SAJ-2003-4901(IP-AWP)  
**MODIFICATION 1**

JAN 06 2008

Florida Department of Transportation  
Attn: Patrick Muench  
719 S. Woodland Boulevard  
Deland, Florida 32720

Dear Mr. Muench:

This letter is in reference to your request for a modification of Department of the Army permit (DA) SAJ-2003-4901(IP-AWP) issued to the Florida Department of Transportation for the widening State Road 50 from Dean Road to Old Cheney Highway, FPN 239203-4-52-01.

By copy of this letter the U.S. Army Corps of Engineers is granting your request to relocate the location of pond number 900 to Orange County Parcel Number 24-22-31-0000-00-001 which will impact have direct impacts to 0.33 acre of waters of the United States, wetlands and surface waters, and secondary impacts to 0.36 acres of wetlands. This modification will reduce the overall project wetland impacts from 10.10 to 9.76.

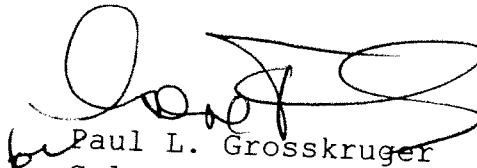
Additionally, you requested a modification to extend the expiration date to complete your proposed project. This authorization is hereby extended for 1 year and will now expire on June 4, 2010.

The impact of your proposal on navigation and the environment have been reviewed and found to be insignificant. The permit is hereby modified in accordance with your request. You should attach this letter to the permit. All other conditions of the permit remain in full force and effect.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our

duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit the following link and complete our automated Customer Service Survey: <http://regulatory.usacesurvey.com/>. Your input is appreciated - favorable or otherwise.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:



Paul L. Grosskruger  
Colonel, U.S. Army  
District Engineer

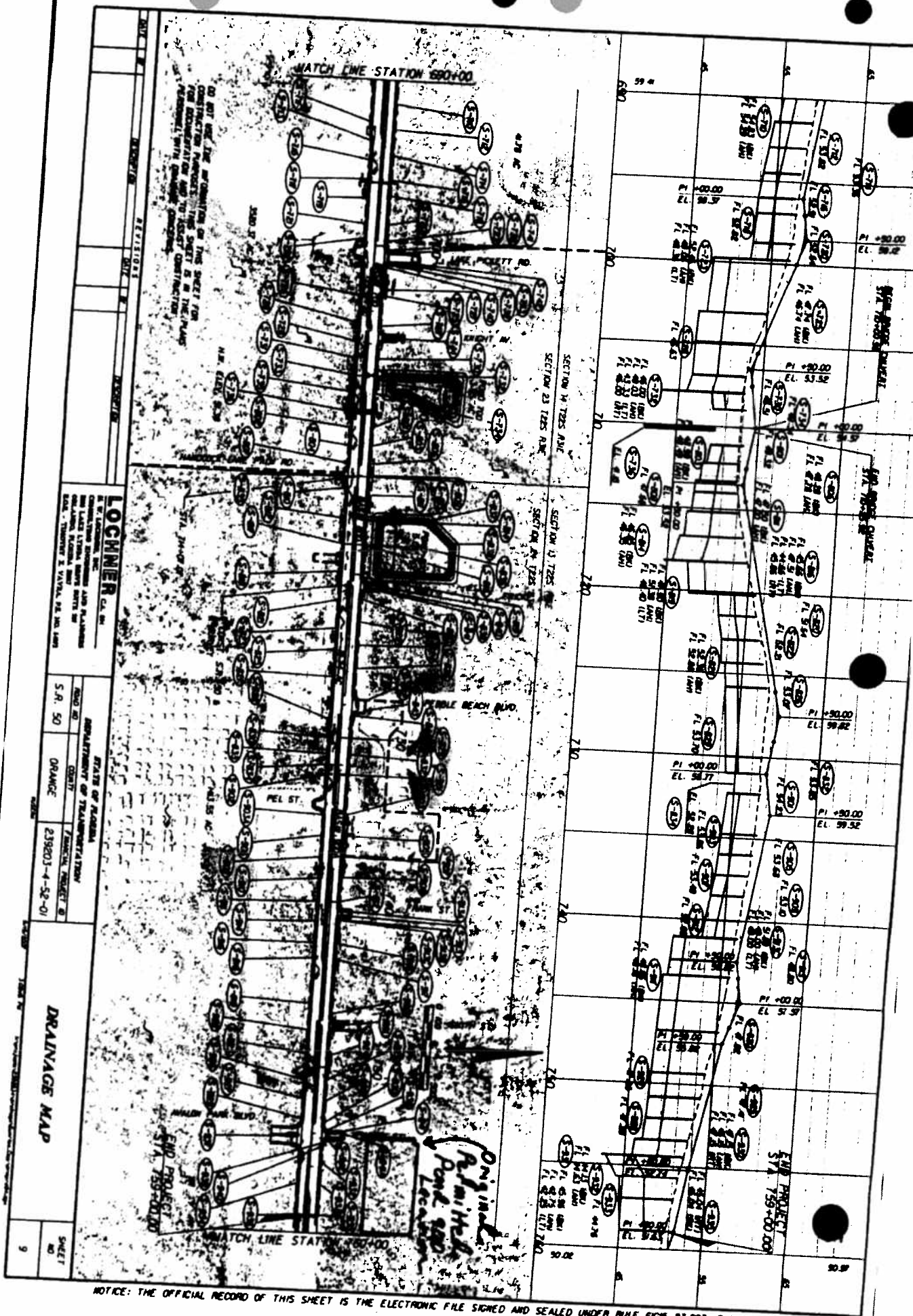
cc: ESAJ-RD-P

TO OVIEDO

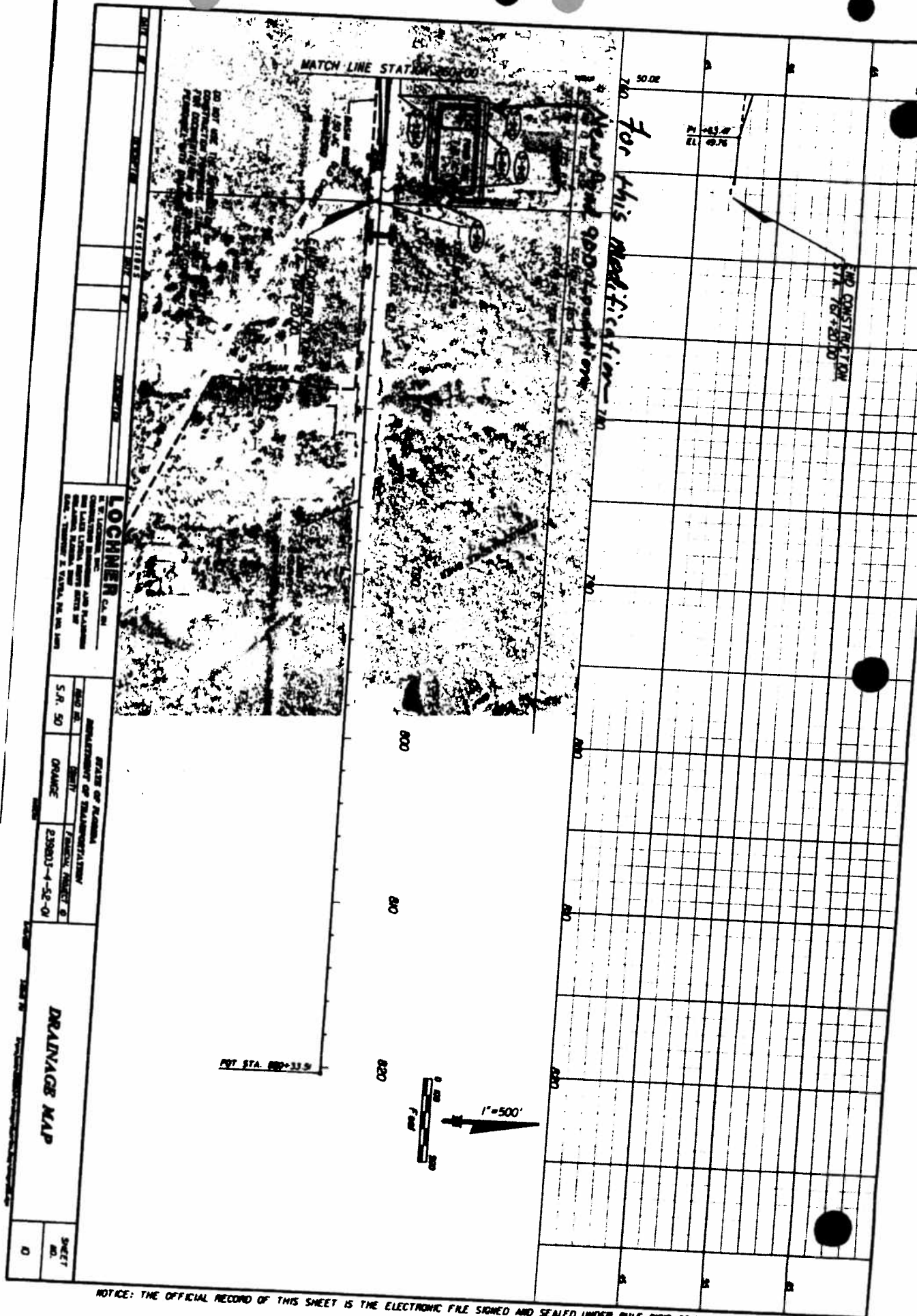


EQUATION:

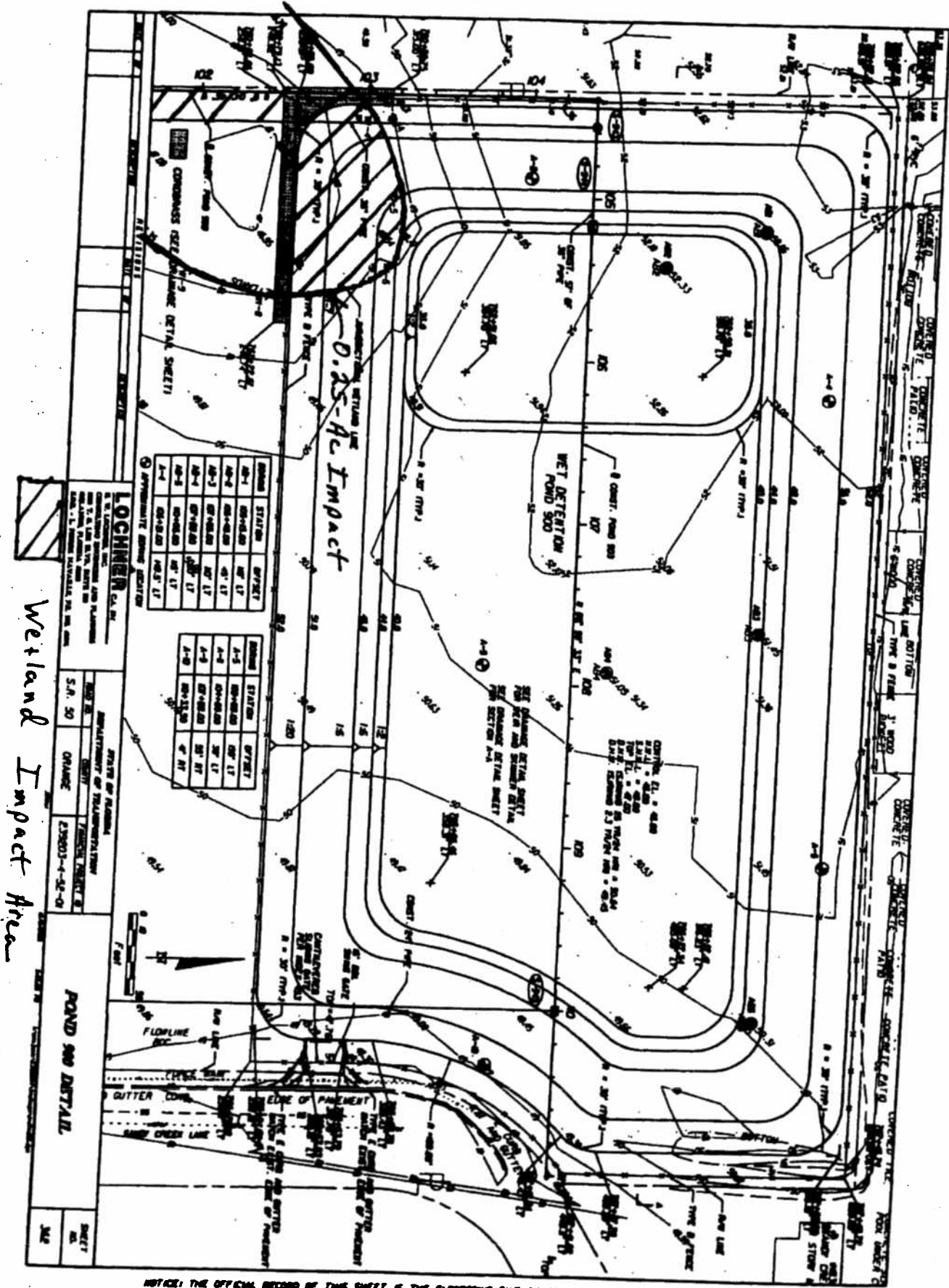
|                |   |              |   |
|----------------|---|--------------|---|
| STA. 684+57.21 | € | CONST. (BK.) | = |
| STA. 684+58.35 | € | CONST. (AH.) | = |
| STA. 684+58.35 | € | SURVEY (AH.) |   |



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

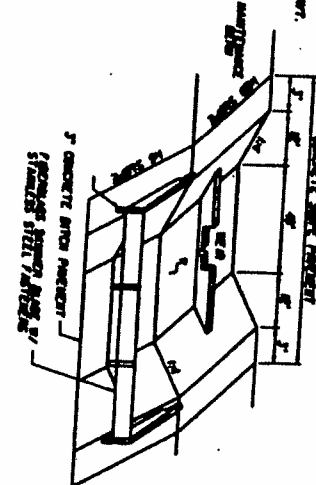
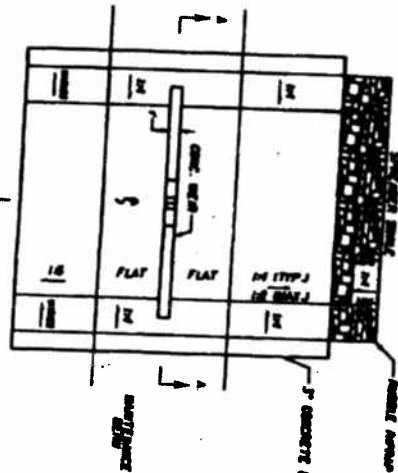


NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 8105-23.003, F.A.C.



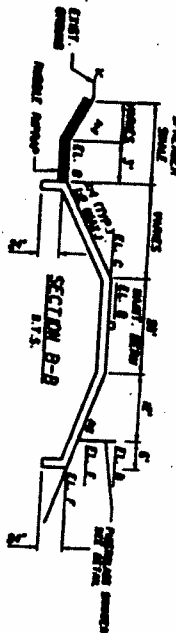
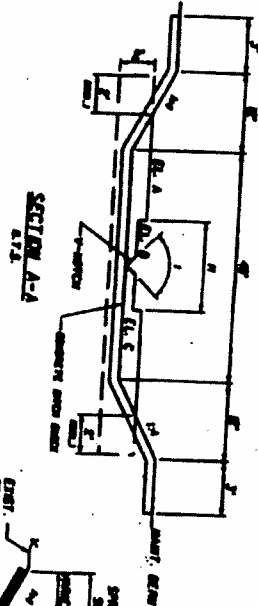
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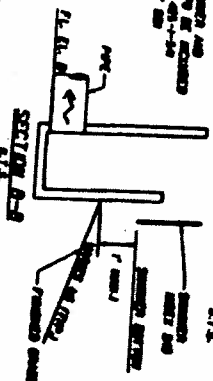
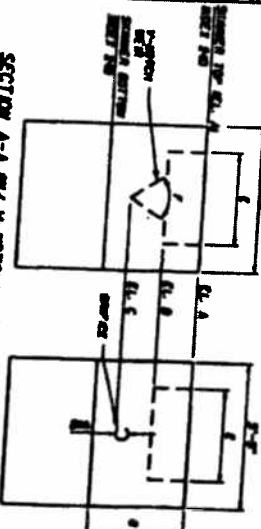
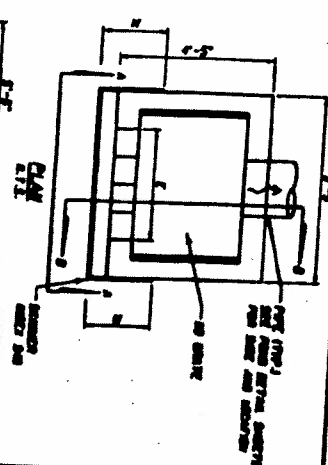


WEIR AND SKIMMER DETAIL  
N.T.S.

- NOTE:
1. CUT OF SKIMMER AND PAVING TO BE SUBMITTED FOR THE CITY ENGINEER'S REVIEW.
  2. 3' CONCRETE ARCH PIER TO BE SUBMITTED FOR THE CITY ENGINEER'S REVIEW.

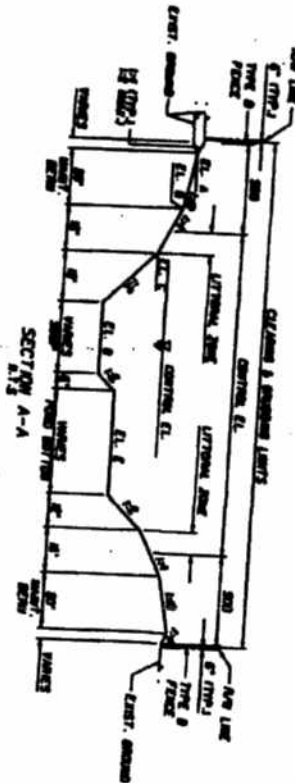


| WEIR CONTROL STRUCTURE |           |       |       |       |       |       |       |       |         |     |     |     |
|------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|---------|-----|-----|-----|
| Pier                   | ELEVATION |       |       |       |       |       |       |       | SECTION |     |     |     |
|                        | 1         | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 1       | 2   | 3   | 4   |
| 100                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 200                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 300                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 400                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 500                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 600                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 700                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 800                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 900                    | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 1000                   | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |

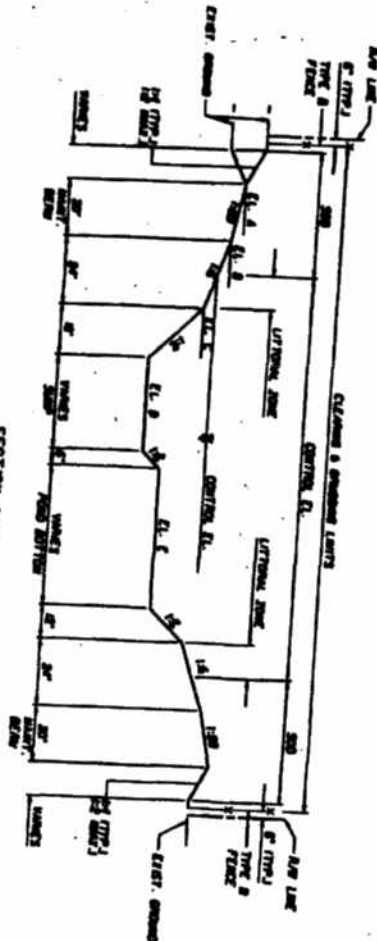


| CONTROL STRUCTURE (ODI TYPE 'D' MODIFIED) |           |       |       |       |       |       |       |       |         |     |     |     |
|---|-----------|-------|-------|-------|-------|-------|-------|-------|---------|-----|-----|-----|
| Pier                                      | ELEVATION |       |       |       |       |       |       |       | SECTION |     |     |     |
|   | 1         | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 1       | 2   | 3   | 4   |
| 100                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 200                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 300                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 400                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 500                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 600                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 700                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 800                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 900                                       | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |
| 1000                                      | 10.00     | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10'     | 10' | 10' | 10' |

DRAINAGE DETAILS



| POINT LOCATION | ELEVATION |      |      |      |      |
|----------------|-----------|------|------|------|------|
|                | A         | B    | C    | D    | E    |
| 100            | 73.5      | 74.5 | 75.5 | 76.5 | 77.5 |



| POINT LOCATION | ELEVATION |      |      |      |      |
|----------------|-----------|------|------|------|------|
|                | A         | B    | C    | D    | E    |
| 100            | 62.0      | 62.0 | 62.5 | 63.5 | 64.5 |
| 200            | 62.5      | 62.5 | 63.0 | 64.0 | 65.0 |
| 300            | 72.5      | 73.5 | 74.5 | 75.5 | 76.5 |
| 400            | 64.0      | 64.0 | 64.5 | 65.5 | 66.5 |
| 500            | 64.0      | 64.0 | 64.5 | 65.5 | 66.5 |
| 600            | 64.0      | 64.0 | 64.5 | 65.5 | 66.5 |
| 700            | 64.0      | 64.0 | 64.5 | 65.5 | 66.5 |
| 800            | 64.0      | 64.0 | 64.5 | 65.5 | 66.5 |
| 900            | 64.0      | 64.0 | 64.5 | 65.5 | 66.5 |

EXISTING WITH, FROM 200 TO 1,000 FEET, AND EXTENDING TO EXISTING ADJACENT OF STIMULANT FACILITY AND IS DESIGNED TO MAINTAIN STIMULANT FROM THE FUTURE EXTENSION OF HIGHWAY ROAD OR OTHERS.

**LOCHNER**  
INC.  
1000 S. 10TH AVENUE  
DENVER, CO 80202  
TEL: 303-733-1111  
FAX: 303-733-1112

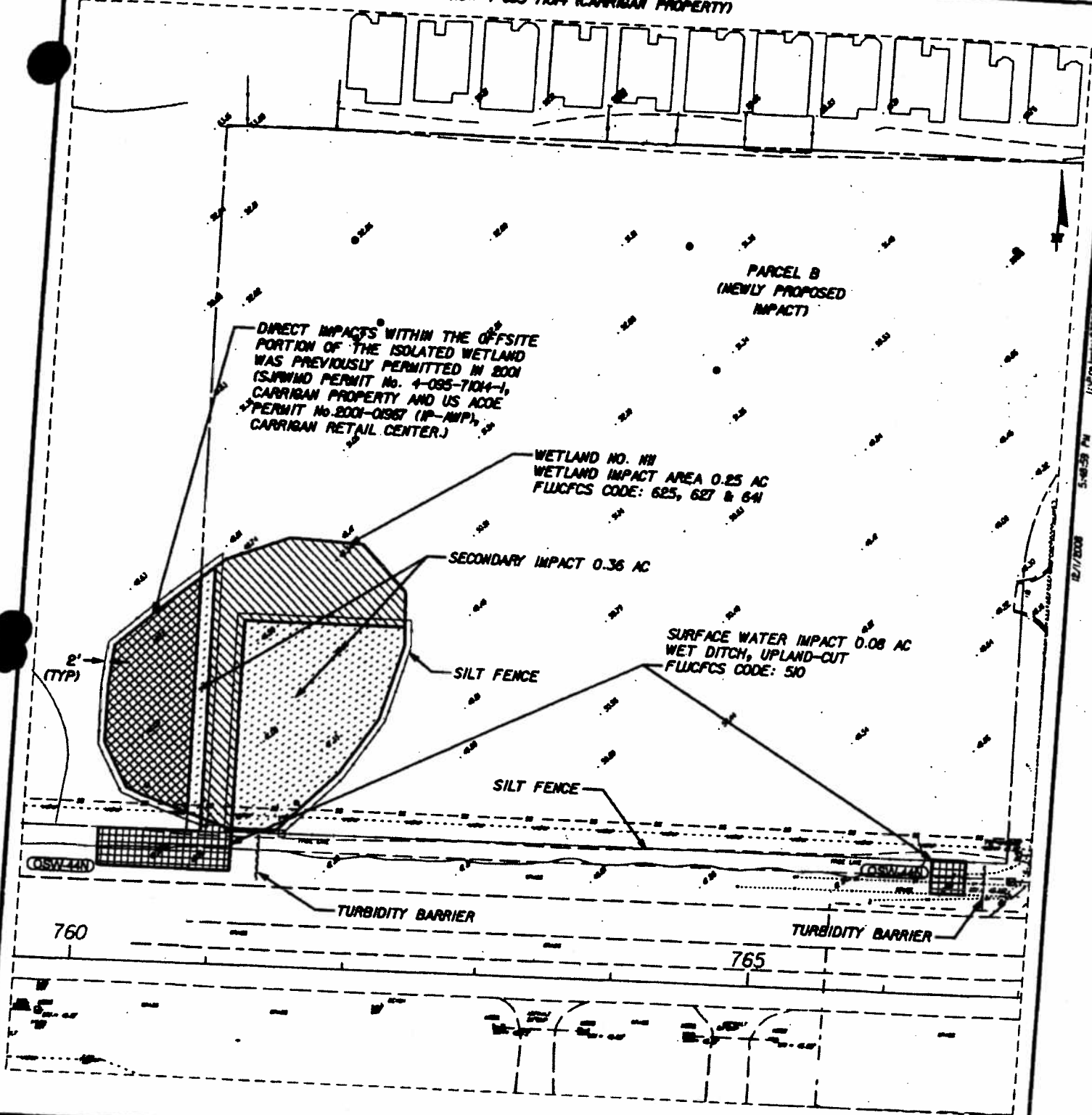
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
S.A. 50  
ORANGE  
23803-4-34-01

**DRAINAGE DETAILS**

SHEET 11



NOTE: RWPZ PERMIT APPLICATION & SITE VISIT NO.: 4-085-7104 (CARRIGAN PROPERTY)



Applicant: Florida Department of Transportation  
 Project: SR 50 from Dean Road to Old Cheney Highway  
 Location: Orange County of Florida

PARCEL B

Scale: 1"=100'

L. PIERRE NAVAILLE  
 P.E. No. 48076

Date

Wetland & Riparian Habitat Protection Zone Impact  
 Section, Township, Range:  
 Sec 17, T22S, R31E  
 Sec 24, T22S, R31E  
 Date: December 1, 2008

Sheet No. 24 of 24

LOCHNER

JAN 06 2008

**MEMORANDUM FOR RECORD**

SUBJECT: Supplement to the Department of the Army Environmental Assessment and Statement of Findings for the Above-Numbered Permit Application.

- 1. Applicant:** Florida Department of Transportation  
Attn: Patrick Muench  
719 S. Woodland Boulevard  
Deland, Florida 32720
- 2. Reason for supplement:** The applicant proposes to impact 0.33 acre of waters of the United States, wetlands and surface waters, for the modification of pond site 900. The applicant conducted a financial cost assessment which evaluated tax base funding as well as the ecological value of alternative pond sites and concluded the proposed alternative pond site would cause less ecological impact. Additionally, the applicant has requested a 1-year extension to the expiration date of the permit. This modification will reduce the overall project wetland impacts from 10.10 to 9.76.
- 3. Original Authorized Project:** The U.S. Army Corps of Engineers (Corps) authorized Department of the Army (DA) permit number SAJ-2003-4901(IP-AWP) on 4 June 2004, which authorized impacts to 10.10 acres of water of the U.S. (wetlands) for the proposed widening State Road 50 (SR-50) from Dean Road to Old Cheney Highway.
- 4. Existing Conditions:** Approximately  $\frac{1}{2}$  of the subject wetland has been authorized by DA number SAJ-2001-1967(IP-AWP) and filled by the adjacent property owner leaving 0.6 acre the of wetland remaining. The wetland is comprised of a freshwater marsh. Dominant vegetation includes maidencane, beaksedge, Virginia chain fern, and spike rush.  
  
The adjacent uplands are comprised of hardwood conifer mixed.
- 5. Endangered Species:** Due to the size, maintained nature, and adjacent development of the site it is unlikely that federally listed species would utilize the subject site. The Corps has determined the proposed modification will have no impacts to federally listed species.

CESAJ-RD-NC SAJ-2003-4901(IP-AWP)

**SUBJECT:** Supplement to Department of the Army Environmental Assessment and Statement of Findings for the Above-Numbered Permit Application.

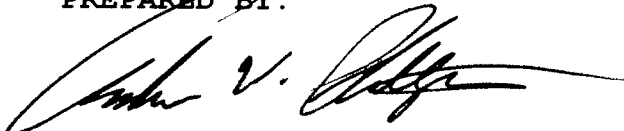
**6. Essential Fish Habitat (EFH):** Based on the subject sites location within the landscape and distance from tidally influenced waters the Corps has determined that the proposed modification will have no impacts to EFH.

**7. Mitigation:** No additional mitigation will be required. The previously authorized project will utilize the 2001 St. Johns River Water Management District Senate Bill Mitigation Plan; mitigation plan # 2392033. A diminimus amount of additional functional loss may occur. The additional mitigation provided to the SJRWMD will off-set any additional impacts. Further, the construction of a stormwater pond site at this location will provide foraging habitat and water quality improvement within the area.

**8. Special Conditions:** No additional special conditions are required.

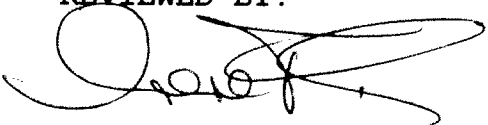
**9. Determination:** I have reviewed all the pertinent information and have concluded that the determinations of the permit evaluation are still valid and there have been no significant changes in the circumstances surrounding this permit since the final determination was made. Therefore, the conclusion that the permit is not contrary to the public interest, that it complies with the 404(b)(1) Guidelines, and that an Environmental Impact Statement is not required is still valid.

**PREPARED BY:**



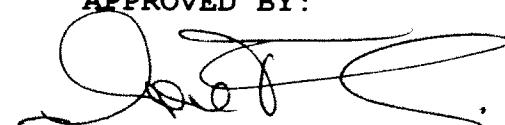
**Andrew W. Phillips**  
Project Manager

**REVIEWED BY:**



**Irene F. Sadowski**  
Chief, Cocoa Permits Section

**APPROVED BY:**



**Paul L. Grosskruger**  
Colonel, U.S. Army  
District Commander